

# L40 TAPE LIBRARY

STORAGETEK'S  
OFFERINGS



### KEY BUSINESS BENEFITS

- **Adaptive Media Technology (AMT)**

With StorageTek's unique support of multiple tape drive and media types, you can seamlessly migrate and specialize your data with just one library.

- **Easily expandable**

Choices in flexible capacity and throughput upgrade paths protect your storage investment long term. You can add drives or cartridges, advance to new drive technologies or even swap to a larger library at a reduced price.

- **Easy to use**

Any administrator can install, configure and operate the L40 library. Library Status Tool is also included for remote monitoring and an SNMP trap for notification. Or choose from Library Admin, Library Manager or Framework Library Monitor for additional management capabilities.

- **SAN-ready**

Connect to the future today and gain increased scalability, availability and shareability with an embedded Fibre Channel router.

- **Space savings**

Store up to an astounding 8.0 TB of information in a single unit, which saves you space and money.

- **Unmatched reliability**

StorageTek's reputation for proven innovation and excellence is the foundation for the L20/L40/L80 library series. They offer superior reliability and less down time to the Open Systems environments.

- **Storage leadership**

With over 30 years of information storage leadership, StorageTek meets the ever-growing storage and management requirements of small and mid-sized companies, too. Pick the L-Series tape library that's right for your business applications.

### ENTERPRISE-LEVEL QUALITY, AT A HIGHLY AFFORDABLE PRICE

Based upon our industry proven, enterprise-class tape automation technologies, the StorageTek L40 tape library is designed to meet the growing needs of smaller, but demanding data centers. It's the perfect workgroup and departmental storage solution, as well. As information storage requirements increase, the L40 library's innovative upgrade strategy allows you to quickly add additional drives and/or increase the number of tape slots. With the StorageTek L40 tape library, you get a robust, scalable, high-performance tape automation system – backed by our industry-leading three year warranty with Advance Exchange and multiple service options: Next Day, Select (5x9x8) and Elite (7x24).

### SOLVE THE BACKUP AND RECOVERY CHALLENGE

Designed specifically for distributed Windows NT, Novell, Linux and UNIX environments, the StorageTek L40 tape library is a plug-and-play solution that provides highly cost-effective, ultra-reliable backup and recovery.

### THE NEXT STEP UP IN STORAGE PERFORMANCE AND CAPACITY

The L40 single-unit design takes up less physical space than competing rack-and-stack solutions. And you can store more than eight terabytes of information in a single unit.

### A NEW LEVEL OF ACCESSIBILITY

StorageTek's L40 tape library provides Adaptive Media Technology that supports multiple leading tape drive technologies, including LTO Generation 1 and 2, SDLT 220 and 320, and DLT 8000. You can mix and match tape technologies simultaneously as well as media types to match the performance and capacity requirements of your specific applications today, as well as new applications that you decide to implement tomorrow.

### HIGH-PERFORMANCE DATA MANAGEMENT MAKES STORAGE EASY

The L40 tape library includes Library Status Tool, a web-based remote diagnostic tool that helps reduce operational costs and enhance reliability even further. The embedded SNMP agent facilitates network management and notification operations over an Ethernet connection.

## L40 TAPE LIBRARY SPECIFICATIONS

### FUNCTIONAL DATA

Number of cartridge slots 20, 40  
 Number of tape drives/types 1-4 LTO 1 & 2, SDLT 220 & 320, DLT 8000 tape drives, or a combination

### CAPACITY AND PERFORMANCE

Capacity, native (uncompressed) LTO Ultrium 1 (100 GB/cart) – 4.0 TB  
 (maximum configuration – 40 cartridges) LTO Ultrium 2 (200 GB/cart) – 8.0 TB  
 SDLT 220 (110 GB/cart) – 4.4 TB  
 SDLT 320 (160 GB/cart) – 6.4 TB  
 DLT 8000 (40 GB/cart) – 1.6 TB

Throughput per hour, native LTO Ultrium 1 (15 MB/sec) – 216 GB/hr  
 (uncompressed) LTO Ultrium 2 (30 MB/sec) – 432 GB/hr  
 (maximum configuration – 4 drives) SDLT 220 (11 MB/sec) – 158.4 GB/hr  
 SDLT 320 (16 MB/sec) – 230.4 GB/hr  
 DLT 8000 (6 MB/sec) – 86.4 GB/hr

### LIBRARY FEATURES

Adaptive Media Technology (AMT) Simultaneous, non-partitioned support of multiple tape and media types for seamless technology migration and specialization  
 Cartridge Access Port (CAP) 2 cartridge slot CAP  
 Digital vision system Unique digital vision camera system performs continuous calibration and reads bar codes  
 Operator panel User-friendly configuration and diagnostic controls, status display and viewing window

### LIBRARY PRODUCT/PERFORMANCE ENHANCEMENTS

Audit time Less than 2 min  
 Auto clean Dedicated cleaning cartridge slot for tape drive cleaning by library or software command.  
 Automatic self discovery Self-configures the drives, slots and CAP. Also identifies drive and media types.  
 Average cell to drive time 6 sec  
 Continuous automation calibration No periodic maintenance or alignment required  
 Library Status Tool Embedded software for remote monitoring and diagnostics of entire system  
 SNMP enabled The library is a managed device with the embedded SNMP agent, that enables remote reporting and monitoring via standard Ethernet connection.  
 Library Admin Provides advanced computing power for advanced reporting, monitoring and notification of the library. (optional)  
 Library Manager Enables remote management and true library sharing between applications, within a network. (optional)  
 Framework Library Monitor Host-based, and over SCSI, this application allows the library to be centrally viewable via a Framework application (i.e. CA Unicenter, HP Openview, Tivoli NetView.) (optional)  
 Maintenance No periodic maintenance required  
 Media management Adaptive Media Technology provides concurrent non-partitioned full, mixed-media capabilities  
 Non-disruptive serviceability Hot-swappable drives, power supplies, fans, plus Ethernet and serial ports for diagnostics and reporting.  
 Robotics control interfaces LVD or HVD SCSI, and 1Gb internal Fibre Channel router  
 Warranty 3 years, Advance Exchange, with multiple Service options available

### RELIABILITY

Mean Exchanges/Swaps Between Failures (MEBF/MSBF) 2,000,000  
 Mean Time Between Failures (MTBF) 360,000 hr (full operation)  
 Mean Time to Repair (MTTR) Less than 30 min

### PHYSICAL DATA

Dimensions (W x H x D)  
 Library 19.0 in x 17.5 in x 29.75 in (48.3 cm x 44.5 cm x 75.6 cm)  
 Rack space 10 u\* of standard 19 in rack space  
 Weight  
 Library 98 lb (44.45 kg)

### ENVIRONMENTAL DATA

Temperature  
 Operating +50° F to +104° F (+10° C to +40° C)  
 Non-operating +50° F to +104° F (+10° C to +40° C)  
 Humidity  
 Operating 20% to 80%  
 Non-operating 10% to 95%

### POWER SOURCE

Power input 100-240VAC @ 50-60 Hz single phase (auto-ranging)  
 Power consumption/dissipation (operating maximum continuous - not peak)  
 Library 1.40A @ 120V, 0.75A @ 240V, 180VA or 0.18 KVA, 615 BTU/hr  
 Optional internal FC/SCSI router 28VA  
 Drives Drive power consumption varies. Refer to individual drive specification sheets.

### AGENCY CERTIFICATIONS

Safety CSA standard CAN/CSA-C22.2, no. 950-95; UL Listed to UL 1950, 3rd Edition; GS licensed to EN 60950, 2nd Edition, 1991 + A1, A2, A3, A4; Nemko, Semko, Demko, Finko certified to EN 60950 (1992) A1/A2/A3/A4/A11, EMKO-TSE (74-SEC) 207/94; CB test certified  
 Emissions FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union CE emissions standards AS/NZS 3548:1996 (Australia, N.Z.); ICES-003 (Canada)  
 Immunity European Union CE immunity standards

\* With use of rack mount rails, rack mount shelves add 1u. One u is equal to 1.75in (4.45cm).

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### About StorageTek®

StorageTek (NYSE:STK), a \$2 billion worldwide company with headquarters in Louisville, Colo., delivers a broad range of storage solutions that are easy to manage, integrate well with existing infrastructures and allow universal access to data across servers, media types and networks. StorageTek provides practical and safe storage solutions in disk, networking, services, tape and tape automation.

For more information, see [www.storagetek.com](http://www.storagetek.com), or call 1.800.786.7835.

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